Amendments to the Claims:

Please amend the claims as follows:

This listing of the claims will replace all prior versions, and listings of the claims in this application.

1. (Currently Amended) A grid having wall elements absorbing electromagnetic radiation~~, preferably X rays~~, wherein the wall elements ~~consist wholly or partially of~~ include a mixture of a material which is flowable in the processing state and an absorption material ~~absorbing~~ which absorbs the electromagnetic radiation, and wherein the wall elements exhibit a double comb structure with webs extending on two sides from a base surface.

2. (Currently Amended) A grid as claimed in claim 1, ~~characterized in that~~ wherein the absorption material is embedded in the mixture in the form of particles.

3. (Currently Amended) A grid as claimed in claim 1, ~~characterized in that~~wherein the material which is flowable in the processing state contains or consists of a thermoplastic polymer~~, in particular a thermoplastic such as~~ selected from the group of polypropylene, liquid crystal polymer, polyamide, polycarbonate and/or polyoxymethylene.

4. (Currently Amended) A grid as claimed in claim 1, ~~characterized in that~~wherein the absorption material ~~contains or consists of~~ comprises a heavy metal~~, preferably tungsten, lead, bismuth, tantalum and/or molybdenum~~.

5. (Canceled)

6. (Currently Amended) A grid as claimed in claim ~~5, characterized in that~~ 1, wherein the base surface takes the form of an absorbent foil provided with perforation holes, wherein the webs are connected from one side of the foil to the other through the perforation holes.

7. (Currently Amended) A grid as claimed in claim ~~5~~1, ~~characterized in that~~wherein the wall elements are arranged alternately with lamellae of an absorbent material.

8. (Currently Amended) A detector having a grid for the absorption of X-rays, wherein the grid comprises wall elements, which ~~consist wholly or partially of~~ wall elements include a mixture of a material which is flowable in the processing state and an absorption material ~~absorbing~~ which absorbs electromagnetic radiation, wherein the wall elements exhibit a double comb structure with webs extending on two sides from a base surface.

9. (Currently Amended) An imaging device for generating an image of an object or part of an object by X-radiation, comprising a detector having a grid for the absorption of X-rays, wherein the grid comprises wall elements, which ~~consist wholly or partially of~~ wall elements include a mixture of a material which is flowable in the processing state and an absorption material absorbing electromagnetic radiation, wherein the wall elements exhibit a double comb structure with webs projecting on two sides from a base surface.

10. (Currently Amended) A method of producing a grid having wall elements absorbing electromagnetic radiation, wherein the wall elements are produced ~~wholly or partially~~ by injection molding, ~~in particular injection molding,~~ from a mixture of a material which is flowable in the processing state and an absorption material absorbing electromagnetic radiation, wherein the wall elements are produced in a double comb

structure with webs projecting on two sides from a base surface, wherein the base surface takes the form of an absorbent foil provided with perforation holes, and wherein the webs are connected from one side of the foil to the other through the perforation holes.

11. (New) A detector as claimed in claim 8 including radiation absorbent lamellae, wherein the wall elements are arranged alternately with the lamellae.

12. (New) A detector as claimed in claim 8 wherein the base surface takes the form of an absorbent foil provided with perforation holes, and wherein the webs are connected from one side of the foil to the other through the perforation holes.

13. (New) A detector as claimed in claim 8 wherein the absorption material is embedded in the mixture in the form of particles.

14. (New) A detector as claimed in claim 8 wherein the material which is flowable in the processing state contains or consists of a thermoplastic polymer selected from the group of polypropylene, liquid crystal polymer, polyamide, polycarbonate and/or polyoxymethylene.

15. (New) A detector as claimed in claim 8 wherein the absorption material contains or consists of a heavy metal.

16. (New) An imaging device as claimed in claim 9 wherein the wall elements are arranged alternately with the lamellae.

17. (New) An imaging device as claimed in claim 9 wherein the base surface takes the form of an absorbent foil provided with perforation holes, and wherein the webs are connected from one side of the foil to the other through the perforation holes.

18. (New) An imaging device as claimed in claim 9 wherein the absorption material is embedded in the mixture in the form of particles.

19. (New) An imaging device as claimed in claim 9 wherein the material which is flowable in the processing state contains or consists of a thermoplastic polymer selected from the group of polypropylene, liquid crystal polymer, polyamide, polycarbonate and/or polyoxymethylene.